



Linda S. Adams  
Secretary for  
Environmental Protection

# Air Resources Board

Mary D. Nichols, Chairman  
1001 I Street • P.O. Box 2815  
Sacramento, California 95812 • [www.arb.ca.gov](http://www.arb.ca.gov)



Arnold Schwarzenegger  
Governor

Date

Contact Name  
Title  
Company Name  
Address  
City, State Zip

Dear Sir or Madam:

The California Air Resources Board (CARB) Monitoring and Laboratory Division (MLD) is developing an emissions inventory to estimate evaporative and permeation emissions from stand alone refueling tanks used for Recreational Vehicles (RVs) throughout California. By definition, stand alone refueling tanks are fuel storage tanks used as pump stations to refuel other vehicles or equipment. The tank, equipped with a pump, hose and nozzle, is mounted under the body frame of a RV, and is **not** connected to a generator or the main tank that supplies fuel to the engine. The emissions inventory will help staff to propose a regulation to reduce hydrocarbon emissions from RV refueling tanks.

This letter requests your help in quantifying the number and types of **RV stand alone refueling tanks** distributed to California. This is a good faith meaningful outreach request to obtain information from your company that is crucial to meeting the air quality goals of CARB. If the information is not provided by your company, we will be forced to use other less accurate methods to obtain this information. Please fill out the enclosed survey form and return the completed survey by June 31, 2008 to Xu Wang at P.O. Box 2815 Sacramento, CA 95812.

If you have questions or need further assistance please contact Xu Wang at (916) 323-2105 or via email at [xwang@arb.ca.gov](mailto:xwang@arb.ca.gov).

Sincerely,

Manjit Ahuja, Chief  
Stationary Source Testing Branch  
Monitoring and Laboratory Division

Enclosure

*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website: <http://www.arb.ca.gov>.*

California Environmental Protection Agency

Please Send Completed Survey to:

Xu Wang (916) 323-2105  
Fax Number (916) 324-2024  
P.O. Box 2815  
Sacramento, CA 95812

## Stand Alone Refueling Tank Population Survey Recreational Vehicles

**Definition:** Stand Alone Refueling tanks are fuel storage tanks used as pump stations to refuel other vehicles or equipment. The tank, equipped with a pump, hose and nozzle, would be mounted under the body frame of the recreational vehicle and would **not** be connected to a generator or the main tank that supplies fuel to the engine. Comparatively, Dual Purpose Refueling Tank would be connected to a generator or the main tank.

**Confidentiality Note:** All information provided to CARB will be kept confidential. The stand alone refueling tank population information will be reported as a whole for all of California and will not be broken down by specific company.

### Company Information

Company Name:  
Contact Person:  
Phone Number:  
Email:  
Address:

1. How many years has the company been distributing/selling stand alone refueling tanks for recreation vehicles to California?

2. What is the company's **estimated** market share of RV refueling tanks sold in California?

- Stand Alone Refueling Tanks
  - 1. Metal:
  - 2. Plastic:
  
- Dual Purpose Refueling Tanks
  - 1. Metal:
  - 2. Plastic:

3. Based on the current sales trends, over the next ten to twenty years, do you expect an increase or decrease in California sales of **metal stand alone** refueling tanks for recreation vehicles, and by what percentage?

4. Based on current the sales trends, over the next ten to twenty years, do you expect an increase or decrease in California sales of **plastic stand alone** refueling tanks for recreation vehicles, and by what percentage?

5. For the different types of stand alone refueling tanks for RVs, what is the life expectancy of tanks?

- Metal
- Plastic

6. Is there any other information concerning stand alone refueling tank size, distribution, or population you would like to add?

Please provide information on annual distribution/sales of **Stand Alone Refueling Tanks** in California only:

<b>Year</b>	Number of refueling tanks for RVs Sold/ Distributed in CA per Year	Number of <b>stand alone</b> refueling tanks Sold/ Distributed in CA per Year	Number of <b>metal stand alone</b> refueling tanks Sold/ Distributed in CA per Year	Number of <b>plastic stand alone</b> refueling tanks Sold/ Distributed in CA per Year	Size of <b>stand alone</b> tanks (gallons)	<b>Stand alone</b> refueling tanks Configuration (top filled/ bottom filled)	Controls on Tanks (roll over check valves/pressure settings, non-vented cap etc.)	Cost Per Tank (\$)
2008								
2007								
2006								
2005								
2004								
2003								
2002								
2001								
2000								
1999								
1998								
1997								
1996								
1995								

Please provide information on annual distribution/sales of **Dual Purpose Refueling Tanks\*** in California only:

<b>Year</b>	<b>Number of Dual Purpose</b> refueling tanks Sold/ Distributed in CA per Year	<b>Number of metal dual purpose</b> refueling tanks Sold/Distributed in CA per Year	<b>Number of plastic dual purpose</b> refueling tanks Sold/ Distributed in CA per Year	<b>Size of dual purpose</b> tanks (gallons)	<b>Dual purpose</b> refueling tanks Configuration (top filled/ bottom filled)	<b>Controls on Tanks</b> (roll over check valves/pressure settings, non-vented cap etc.)	<b>Cost Per Tank (\$)</b>
2008							
2007							
2006							
2005							
2004							
2003							
2002							
2001							
2000							
1999							
1998							
1997							
1996							
1995							

\* Information about dual purpose refueling tanks is also appreciated.